



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Site: Maline Creek
ID # 100980631162
Break: 2.4
Other: 6-15-88

JUN 15 1988

MEMORANDUM

SUBJECT: Certain-Teed Transite Pipe Plant, St. Louis, Missouri
(SBR 59)

FROM: Paul E. Beatty *Paul E. Beatty*
Environmental Engineer, AMON/EMCM/ENSV

TO: Charles Whitmore
Chief, Air Compliance Section, ARBR/ARTX

THRU: Joe Arello *Joe Arello*
Acting Chief, Air Monitoring Section, EMCM/ENSV

ATTN: JoAnn Heiman
Air Compliance Section, ARBR/ARTX

At the request of the Air and Toxics Division (ARTX), the Environmental Monitoring and Compliance Branch (EMCM), Air Monitoring Section conducted an inspection at the old Certain-Teed transite pipe manufacturing facility in St. Louis, Missouri. The purpose of the inspection was to determine the amount and condition of exposed asbestos containing transite pipe, buried and abandon on the property.

The property is currently owned by PG Investments, 600 St. CYR Road, St. Louis, Missouri, which is owned and operated by Jerald and Phil Kootman. Upon arrival at the site, I met with Jerald Kootman and explained the purpose and scope of the inspection. I also spoke with Debra Potter of Gateway Container Port, Inc. who leases space, at the plant, from PG Investments. She said that she was concerned about the possible asbestos hazard presented by the pipe.

In 1979, transite production at the facility was stopped by Certain-Teed. The large asbestos cement waste pile, south of the building was graded, covered with soil and seeded. The edge of the pond, along the Maline Creek was stabilized with rocks. See the attached aerial photograph for site details (Attachment 1).

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2.0



Superfund

0400

REC-11
JUN 15 1988
100980631162

During the inspection, the waste pile area was covered with dirt and grass, and appeared to be stable. A small amount of pipe was visible on the north side by a drainage ditch. See the attached photographs (Attachment 2). Along the Maline Creek, the rock and bank has eroded and exposed transite pipe. Pipe was also in the river bed. If the river was higher, this material would be under water and not visible.

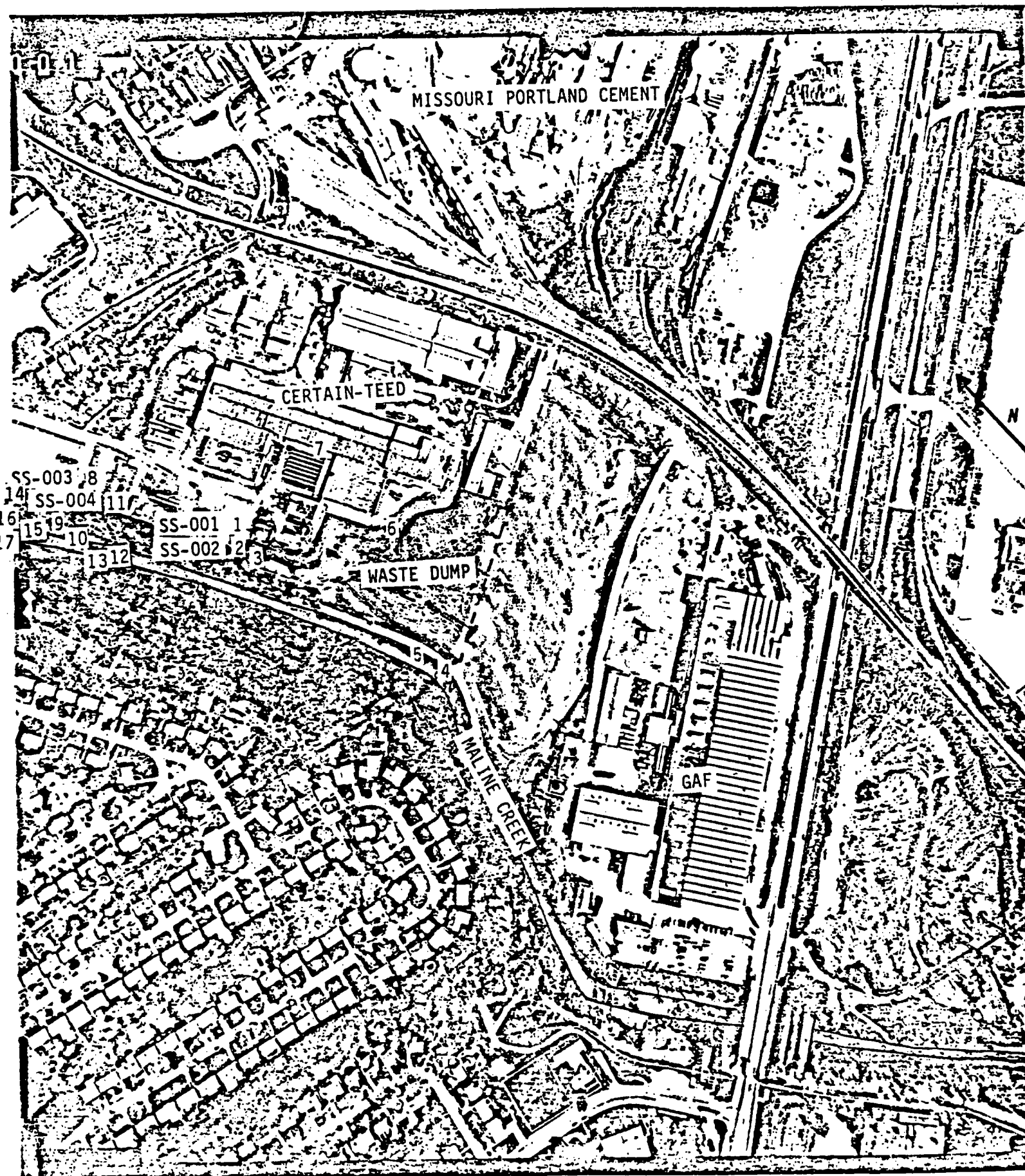
A fence divides the Certain-Teed and GAF properties. The GAF site was not accessible during this inspection, but will be inspected in the future.

The strip of land between the west parking lots, the Maline Creek, the settling pond and St. Cyr Street is littered with large amounts of transite piping. Samples were obtained. See the attached sample summary sheet for sampling details (Attachment 3) and chain-of-custody sheet (Attachment 4). Small pieces are also at the edge of the parking lots. The river bed is also littered with pipe. Most of the pipe is intact, but the broken edges are starting to deteriorate from weather, water erosion and freeze/thaw. No visible emissions were observed, but the potential for asbestos fiber release will increase as the transite deteriorates. A short tour of the plant site revealed pieces of transite scattered throughout and deteriorating pipe insulation. A boiler building also contains substantial amounts of possible asbestos containing insulation.

Attachments

1. Aerial Photograph
2. Photographs
3. Sample Summary
4. Chain-of-Custody

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII



=photograph number

SS=sample site

[illegible]

ANALYSIS OF BULK INSULATION FOR ASBESTOS
EPA REGION VII INORGANIC DATA

TITLE: C T WASTE DUMP
DATE: 06/23/80
MATRIX: INSULATION

METHOD: 1151M01
ANALYST: LDM ____/____

SAMPLE #	ASBESTOS PRESENT	% CHRYSTILE	% AMOSITE	% CROCIDOLITE	% TREMOLITE	% ACTINOLITE	% ANTHOPHYLLITE	OTHER FIBERS & COMMENTS
SBR59001	YES	7	0	0	0	0	0	
SBR59002	YES	9	0	11	0	0	0	
SBR59003	YES	19	0	15	0	0	0	
SBR59004	YES	3	0	12	0	0	0	

INSPECTION REPORT RECEIPT AND FOLLOW-UP SHEET

- * Inspector: PAUL BEATTY
- * Facility Name: CERTAIN- TIED
- * Facility Location: ST. LOUIS, MO
- * Date of Inspection: 5/25/88
- * Activity No.: SBR59
- * Date Report Transmitted: / /

Date Report Received: / /

Additional Information Needed/Requested Not Included In Report:

* No. Samples Taken: 4 No. Samples Analyzed: 4
Disposition [Retain, Discard, Analyze More (Specify Which)]: FORTHCOMING

* Field Notes Taped [Yes/No]:
Disposition [Retain, Discard, Transcribe]:

* No. Photographs Taken: 17
Additional Copies Needed (Specify Which):

No. Photographs In Report: 17

Additional Information Needed By: / /

Report Reviewed By:
Date Review Completed: / /

* To be completed by inspector.

All other information to be completed by Air Compliance Section and returned to Environmental Evaluation Section.



7

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

C5/25/88

SBR59

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DETERIORATING PIPE INSULATION IN BUILDING



8

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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PIECES OF TRANSIT ON WEST PARKING LOT

SAMPLE SITE SBR59-003



9

CERTAIN-TEED TRANSTIE, ST. LOUIS, MO.

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TRANSTIE PIPE ALONG WEST SIDE OF PLANT



1

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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SAMPLE SITE SBR59-001, GRAY GRANULAR MATERIAL INSIDE
PIPE



2

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05/25/88

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SAMPLE SITE SBR59-002, BROKEN TRANSITE PIPE



3

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

05/25/88

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TRANSITE PIPE



4

CERTAIN-TEED TRANSTIE, ST. LOUIS, MO.

05/25/88

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TRANSTIE PIPE IN MALINE CREEK



5

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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TRANSITE PIPE IN MALINE CREEK



6

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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NORTH SIDE OF WASTE DUMP AREA TRANSITE PIECES VISIBLE



10

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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TRANSITE PIPE ALONG WEST SIDE OF PLANT IN MALINE CREEK



11

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

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TRANSITE PIPE ALONG WEST SIDE OF PLANT

SAMPLE SITE SBR59-004



12

CERTAIN-TEED TRANSTIE, ST. LOUIS, MO.

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TRANSTIE PIPE ALONG WEST SIDE OF PLANT IN MALINE CREEK



13

CERTAIN-TEED TRANSTIE, ST. LOUIS, MO.

05/25/88

SER59

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TRANSTIE PIPE ALONG WEST SIDE OF PLANT IN MALINE CREEK



14

CERTAIN-TEEDTRANSTIE, ST. LOUIS, MO.

05/25/88

SER59

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PIECES OF TRANSTIE ON WEST SIDE OF WEST PARKING LOT



15

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

05/25/88

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TRANSITE PIPE ALONG WEST SIDE OF PLANT ON MALINE CREEK
BANK



16

CERTAIN-TEED TRANSITE, ST. LOUIS, MO.

05/25/88

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MALINE CREEK-TRANSITE PIPE IN CENTER OF PHOTO



17

CERTAIN TEED TRANSTIE, ST. LOUIS, MO.

05/25/88

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MALINE CREEK